

Title (en)

Locking sleeve for attaching a closure and closure

Title (de)

Verriegelungshülse zur Befestigung einer Verschlusseinrichtung sowie Verschlusseinrichtung

Title (fr)

Bague de verrouillage pour fixer un dispositif de fermeture ainsi que dispositif de fermeture

Publication

EP 1764158 A3 20080305 (DE)

Application

EP 06019267 A 20060914

Priority

DE 102005044746 A 20050919

Abstract (en)

[origin: EP1764158A2] The locking cap (17) for fastening a closure (11) to a container opening has a cap shell having a returned collar to fit over and enclose the outer face (25) of the closure with its inner face (21). The cap has a non-return holder recesses (22,26) having multiple holders (23,27) radially distributed over a periphery of the inner face.

IPC 8 full level

B05B 11/00 (2006.01); **B65D 47/34** (2006.01)

CPC (source: EP US)

B05B 11/1049 (2023.01 - EP US); **B65D 43/0274** (2013.01 - EP US); **B65D 2543/00092** (2013.01 - EP US); **B65D 2543/00296** (2013.01 - EP US); **B65D 2543/00527** (2013.01 - EP US); **B65D 2543/00537** (2013.01 - EP US); **B65D 2543/00574** (2013.01 - EP US); **B65D 2543/00731** (2013.01 - EP US); **B65D 2543/00814** (2013.01 - EP US)

Citation (search report)

- [X] US 2002125270 A1 20020912 - DE POUS OLIVIER [FR], et al
- [AD] US 6253941 B1 20010703 - VANBROCKLIN OWEN F [US], et al
- [A] EP 1270434 A1 20030102 - SAINT GOBAIN CALMAR SA [ES]
- [L] WO 2007042701 A1 20070419 - VALOIS SAS [FR], et al

Cited by

FR2916493A1; WO2008142352A3; WO2010046022A1; EP1957368B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1764158 A2 20070321; **EP 1764158 A3 20080305**; **EP 1764158 B1 20101110**; AT E487543 T1 20101115; DE 502006008270 D1 20101223; ES 2355478 T3 20110328; US 2007068972 A1 20070329; US 8820552 B2 20140902

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